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CHIVE/C-24-66
7 February 1966

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MEMORANDUM FOR: Director, CHIVE Task Force

SUBJECT : Monthly Report for January 1966

I. ACTIVITY HIGHLIGHTS

A. Management Activities

CHIVE Task Force management approved a space allocation plan for the space on the 2nd Floor which is to be the future quarters for the Task Force. In light of the discrepancy between the projected number of people for the CTF [REDACTED] and the number for which space had been allotted (75), it was agreed by OCR Admin. that space other than presently assigned to CTF would be obtained for the [REDACTED]. This reduced the number of people to be accommodated in the 2nd Floor space from 94 to 89. It was suggested that, if at all possible, another CTF unit be identified which could be housed elsewhere. Considerable thought is being given to the problem.

On the weekend of 22 January, all CTF personnel with the exception of the ALP Group were moved from GE22 and GE24 to GE0412 and CL0914. On 25 January the [REDACTED] moved to 2E45 and the CTF programmer trainees moved to GE0444.

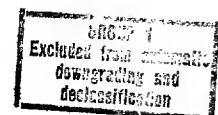
The next move for all CTF personnel is scheduled for the latter part of March. At that time the 2nd Floor space should be ready for occupancy.

B. Integration and Plans Staff

1. Phase III Planning and Scheduling (Task 17)

During the month, 15 OCR personnel joined the Task Force. Briefings were arranged and presented; orientation and training materials were made available; and preliminary assignments were coordinated with the Group Chiefs and Director, CHIVE Task Force.

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Considerable effort was expended in determining a satisfactory space allocation for the Task Force in its 2nd Floor space (see above).

13 days

- 13 days

5 days

- 5 days

2. System Integration (Task 41)

A schedule was set up leading to a complete review of tasks in early February, to be followed by large-scale revision of the planning and scheduling charts. During the month two management meetings were held to resolve immediate problems and to identify significant areas for resolution at the February review. Charts for each task, showing sub-task elements, their relations with other tasks, timing, and personnel, which were prepared for November's review, were being updated at the end of the month. 25X1A

the new members of the Integration and Plans Staff, prepared for their role by reading, attendance at meetings, and by undertaking a comprehensive list of tasks and assignments. The complete revision of the charts scheduled for mid-to-late February will give us an overview and enable us to assess slippages so that adjustments can be made.

C. System Design Group

- 5 days

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1. Security Specifications (Task 1)

CHIVE was contacted during the month by the Office of Security and told that [redacted] would be the "full-time" OS contact point for CHIVE. The task team has made initial contact with [redacted] who plans to have one assistant each in the physical, personnel, and all-source security fields. The task team will contact [redacted] or, in his absence, Mr. [redacted] when it requires decisions on security matters. 25X1A

The organization and space proposals for the Document Delivery System contained in CHIVE/W-3-66 entail some physical and document security questions; these will be resolved with [redacted] as appropriate. 25X1A

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The draft task description, and the draft working paper on the augmentation problem (as reported in December) are still under review.

██████████ received all necessary security clearances during the month.

██████████ - 5 days

██████████ - 1 day

2. Current Awareness Support (Tasks 2, 38h)

Programming specifications were drawn and approved. Programming was started with ██████████ as senior programmer, assisted by ██████████ and ██████████

The stop-word dictionary was completed and key-punched. A decision was made to use the CODIB Task Team area code with the extension of the administrative breakdowns for China and the USSR created by the Current Awareness Team. The proposed security classification and dissemination control codes were coordinated with and approved by the Header Data Input Forms Team.

The team is currently preparing a mock-up of the CAS index for display when customer interviewing begins next month. The input for mock-up can also be used in the programming effort.

██████████ joined the team on 24 January.

The progress on the programming support for Phase I of the Current Awareness task is summarized in the table that follows (Page 4). Sufficient information has been received from the design section of the task team to permit the programming to proceed. However, a complete list of area stop words is still needed in order to test the system.

██████████ - 1 day

██████████ - 2 days

██████████ - 1 day



██████████ - 20 days

██████████ - 10 days

██████████ - 19 days

other programmers - 32 days

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JOB NAME	PROGRAMMER	FLOW CHARTING	CODING	CARD PUNCHING	PROG. ASSEMBLY	TESTING
MAIN PROG. - PART 1						
CHAR. CHECK SUBR.						
DATE CHECK SUBR.						
ERROR MESS. SUBR.						
MAIN PROG - PART 2						
EXTRACT SUBR.						
EXCLUDE SUBR.						
PRINT K.W.O.C. PROG.						
PACK DISK PROG.						
PRINT OPTION PROG.						

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3. Document Delivery System (Tasks 3, 38f)

The final working paper (CHIVE/W-3-66), "Document Delivery System Organization and Space Recommendation", was completed and transmitted to OCR/CHIVE management.

Two 3M 2000 camera processors and associated equipment were moved to area GF40 where a four-week Document Delivery System test operation will be conducted beginning on 2 February.

The Executive Assistant for Central Reference, the DD Team Chairman, and [REDACTED] visited the Vitro Corporation to see the operation of a Xerox 24c automatic aperture card printer.

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[REDACTED]

days
- 15 days
days
4 days
ays
days
days

4. Page Reader Specifications (Task 4)

During the first week of January, a draft memo was prepared which contained additional contractual terms and conditions for the leasing of the 915 Page Reader System. This memo with attachments was forwarded to the Chief, OCS Operations Division for further study and preparation of a final memo for the Contracts Officer.

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[REDACTED]

- 2 days

5. Dictionary Building (Tasks 5, 38a, 38b, 38c)

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[REDACTED]

[REDACTED]

1 day
13 1/2 days

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b. ISC Modification

The task team has completed review of the revision and reached agreement on its organization and subject coverage. An index to the code is being prepared with EAM assistance. Plans are being made to test the completed code starting around the middle of February. Difficult documents will be used in this test.

10 days

- 18 days

14 days

c. Organization Dictionary

The survey of Agency production analysts regarding CHIV's organization selection criteria was completed during the month. Most analysts replied favorably with minor reservations. The results of the survey will be published in February and transmitted to OCR Registers for their reactions. 25X1B

12 days

- 18 days

d. Dictionary Study

Further analysis was done on the problems inherent in building a dictionary. Study has been limited thus far to examining what basic purpose the dictionary should serve and what elements of information should be

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included in it. Basically, at this juncture, it is felt that the dictionary should serve as an indexing and identification tool, rather than as a dictionary from which summary-information files can also be produced. Final decisions on the dictionary's format cannot be made until the results of the [REDACTED] Requirements Study (Task 19) are known, since the latter study will directly influence the building of the dictionary. The building of the [REDACTED] dictionary is also dependent to some degree upon the final format adopted by the Location and Organization Dictionary Task Teams because of the close inter-relationship which these latter two tasks have with the former.

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[REDACTED] 3 days

[REDACTED] - 1 day

6. Input Interface (Task 7)

a. Header Data Input Forms

Work continued on developing the preliminary handbook of instructions for using the revised header forms, and in collecting a corpus of sample input documents. Completed work was reviewed and discussed with [REDACTED] during the week of 4 January.

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Some minor modifications have been noted for the six completed header forms. The content indexing form is scheduled to be prepared for page reader use in much the same form as it was for the CHIVE indexing experiment.

Meetings were held with [REDACTED] (Cable Secretariat), [REDACTED] (Collection Guidance Staff), and with CHIVE Task Force members to discuss elements of information which are to be controlled by header indexing. Other meetings will be scheduled with appropriate persons from the [REDACTED]

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Because of 8092 core limitations, the program has been broken down into two relatively independent phases. The first phase handles all initialization including the creation of the necessary IBM/360 compatible, magnetic tape labels. The second phase is the actual running or processing phase.

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The in-house 8090 is still being utilized to make minor program corrections.

Testing at Rabinow, using the 8092 in conjunction with the tape drive and teletype units but without the page reader, was begun on 20 January.

Testing status to date on the 8092:

Phase 1	90% complete
Phase 2	60% complete

A 915, available for testing, is expected by the 2nd week of February.

20 days
2 1/2 days
days
7 days

b. Vocabulary Control File Interface

Timing tests continued with the on-line display system, after an interruption of several weeks due to the failure of a special CRT display tube. The experimental work is scheduled to be completed in the next few weeks.

5 days

7. Inherited File Utilization (Tasks 9, 38g)

a. SR Detail Index

The initial draft of the SR conversion study has been completed. The final copy of the report will be completed and ready for typing by 9 February.

day
- 1 day
1 day

b. Intellofax Index

The final report has been disseminated and the task has been completed.

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8. Indexing Procedures (Task 10)

a. Information Analyst/Content Indexer Communications

The information analyst/content indexer communication test has been completed. Approximately 375 all-source documents were processed by the test group (2 analysts, 3 indexers).

The results of this test indicate that effective communication between analyst and indexer can be assured by adopting an approach in which the analyst underlines each element of information which he considers important, and writes notes to clarify any problems in the choice of specific terms or concepts. Such an approach requires extreme attention to detail on the part of the analyst and reduces the job of the indexer to one of almost clerical routine.

The results of this test also indicate the feasibility of another approach in which the analyst marks the document to indicate the part of the document which should be processed; he underlines a word or adds a note only to indicate an exception to a standard processing technique, a point of special priority or emphasis, a clarification of an ambiguous, a technical, or a vague term or concept. The job of the indexer is to exploit fully, in accordance with existing rules, that part of the document marked for processing.

The feasibility of this latter approach can be enhanced by: (1) establishing a processing environment which will be conducive to the growth of a close relationship between the analyst and the indexer; (2) allowing the analyst to acquire an intimate awareness of the indexing system; (3) establishing additional standard indexing rules to permit certain recurring document themes to be indexed with the same amount of routine which is now associated with the indexing of "travel" and "leader-appearance."

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A final report on this test will be prepared during February 1966.

4 days

5 days

6 days

7 days

- 6 days

6 days

9. Requirements Study (Task 19)

Work is well underway on the first subtask of this study. A paper summarizing and reviewing CHIVE proposals for establishment and organizations/installations, and for control of names during input processing, was sent to the OCR employees selected for interview in the second week of January. Since that time several interviews have been conducted with on the proposed design and memoranda of conversations have been prepared. Interviews are scheduled for completion in 1 February, in PIB by 7 February, and in SR by 14 February. A status report on the requirements study and the design in general was prepared for the Director of Central Reference on 26 January, prior to his meeting with of the PFIAB Panel on Information Processing to discuss biographic information handling.

Although not enough data has been collected thus far to draw any final conclusions, employees interviewed to date have indicated that they are in general agreement with CHIVE's recommended approach. The only salient points of concern or disagreement with the design encountered to date are the following: (a) a feeling that hard-copy should be updated during input processing rather than at output time because hard-copy files will be established on key on whom one can predict high request activity; and (b) concern that the Document Delivery System will not be able to meet user time requirements on priority for documents which are in microimage storage.

17 days

- 2 days

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10. Management Data File (Task 20)

The draft task description reported on in December is under review; other task activities will be withheld pending completion of the task description.

██████████ left the task as of 31 January to become Staff Assistant in Document Division.

11. Maps and Graphics (Task 23)

During the month ██████████ was assigned to this Task Team to describe indexing procedures and flow of materials in the Film Branch, Graphics Register. A memorandum (C-18-66, 28 January 1966) prepared by ██████████ was issued that describes the Map Library Index Record Flow. A working paper is under preparation outlining the various alternatives and recommendations for incorporating the map index record into the CHIVE system.

██████████ 21 days

3 days

4 1/2 days

12. File Purge Study (Not a numbered task)

Work is continuing on a preliminary draft report.

██████████ 2 1/2 days

D. Program Design Group

1. Input Processing (Task 12)

A logic flow chart showing the structure, processing flow and major sub-programs of the Input Processing module is being prepared.

A generalized Character Checking sub-routine is in test.

A generalized date checking sub-routine is being flow-charted.

██████████ days

2 days

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2. Unconditional File Maintenance (Task 13)

Exploration of optimum record structure, in relation to machine instruction speeds and other /360 system characteristics, is continuing.

Work progresses in the development of the inter-system maintenance command language as well as the external command language.

5 days

9 days

3. Retrieval (Task 37)

The Geographic Search Working Paper was distributed. Coding of the Geographic Search routine has begun. Program testing is scheduled to begin the 3rd week of February. Generation of the required test data is underway.

18 days

19 days

days

4. Formalizing EDP Design (Not a numbered task)

During January considerable effort was expended in establishing formal system specifications and the development of an integrated EDP design.

days

1 day

1 day

7 days

days

E. Automatic Language Processing Group

1. ALP Lexicography (Task 28)

Approximately 300 actions were prepared during January for the next update of the Steno Master Dictionary. Analysis of the current printout from Steno processing continues from the point of view of dictionary shortcomings.

10 days

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2. ALP Programming (Task 29)

New disks resulting from the December update of the Russian and Steno dictionaries were put into operation on 24 January. New versions of the LPU (Lexical Processor Unit) core program were made to be used in conjunction with these disks.

LPU programming at present is concentrated on the analysis of physically bad entries in the new disks. As a result, new versions of the Steno LPU program will be generated for each of the operational Steno disks.

A new photostore test program was written and debugged to check the track stepping ability of the photostore. The new program can be started from the 1401. The previous version required a manual start from the LPU console.

A new version of the Russian LPU core program is being used for production. It inserts the Russian transliteration of an ambiguous preposition following the English translation. This version is designed as an aid in the post-editing of the printout.

The 1401 Steno I/O program has been altered to generate a count of the number of text lines printed at the end of a run. The count will be used for accounting purposes. In addition, 50 positions of 1401 core were removed by shortening the length of console messages.

15 days
14 days

3. Word Frequency Study (Not a numbered task) STATSPEC

A word frequency list of approximately 18,000 words in two versions was generated for [redacted] the ALP Group through [redacted]. The two versions are: (a) by alpha sort, (b) by frequency of word occurrence. The data base consisted of 160,000 words (program count).

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Some timing tests of the reference lookup function are being made with the [redacted] on-line system. The remainder of the effort is devoted to the problem of the editing of the [redacted] Report. The

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word frequency list mentioned above was prepared for the [REDACTED] sample corpus (the text for about 3/4 of one day's input) in order to provide some guidance for the establishment of tables of common words, acronyms, and words that receive initial capitalization.

Three computer programs for the B5500 computer were operated with varying degrees of success. A tape listing routine tailored to the [REDACTED] tape format and code structure ran successfully. A "message stripping" program ran, with minor difficulties and has produced, from [REDACTED] a new tape of "stripped messages" (i.e., teletype messages with the headers and some service messages removed). Small algorithmic difficulties caused less than 10% (estimated) of the stripping to be in error. These difficulties are being corrected. The capitalization program effectively produces initial capitalization at beginning of sentences, eliminates "RPT", "Page X" phases, spelling out of most numerics, and some limited capitalization of selected names, geographic places, and other words. Difficulties with lookup in the capitalization word tables are still present.

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Discussions were held and work is underway with [REDACTED] to use their IBM 1401 computer and its modified 1403 printer to print upper and lower case text from our tapes after they go through the off-line editing program. Magnetic tape codes and formats were agreed upon and program specifications were provided the University programming staff.

With respect to planning of experiments with on-line editing, assistance is being provided by an [REDACTED] staff member skilled in statistical experiment design and human factors evaluation. Experiment objectives are being established and the major experiment variables have been identified.

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Preliminary program specifications for the on-line computer programs for the [REDACTED] computer have been written. Work on this activity has been delayed pending the release of skilled programmers from other tasks.

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1 day
5 days
10 days
9 days

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4. Medical Staff Application (Not a numbered task)

A sample text of Medical Staff data was processed by the ALP system from audio recordings. The Medical Staff is currently analyzing the results from the point of view of ALP processing of much of their transcription load.

[REDACTED] 2 days

[REDACTED] 3 days

[REDACTED] 1/2 day

5. DDP Applications (Not a numbered task)

Discussions are now underway with two DDP groups concerning their use of ALP Steno processing. Sample text is now being stenotyped for ALP processing. A briefing has been set up for one of their stenotypists on ALP conventions.

[REDACTED] 1 day

[REDACTED] 1/2 day

6. Processing Totals (Not a numbered task)

FDD processing via ALP averaged 17,000 words per day of Russian input and approximately 19,000 words per day of Steno. Starting with February, a line count will be provided of output words for both Russian and Steno to obtain a more accurate measure of the system production.

7. ALP Demonstrations (Not a numbered task)

During January, the ALP system was demonstrated to visitors from NSA, ASA, [REDACTED] ORD, 25X1C and DDP.

8. ALP Evaluation (Not a numbered task)

Brief conversations were held on this topic with [REDACTED]. The collection of basic operating data was scheduled to begin in February as soon as the new photodisc was in operation. Further work on this task will start as soon as some data has been collected.

[REDACTED] 1/2 day

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F. [REDACTED]

1. Customer Requirements (Task 16)

Preliminary definition of the scope of this task, as well as clarification of its overlap with the Selection Criteria task, was undertaken toward the end of this month. Since fundamental definition of customer requirements for a central reference facility has already been established in earlier phases of Project CHIVL, it appears that further examination of this area would be both non-productive and disruptive. Consequently, in the context of Phase III, it has been tentatively decided that the customer requirements task must be limited primarily to coordinating the solicitation of customer reaction to specific Phase III design proposals. Because most of these reactions will be sought as guidance in establishment of specific selection criteria, the two tasks may be too closely related to be treated as discrete problem areas.

Personnel have been assigned to examine this overlap and to draft appropriate task descriptions. Efforts thus far have been limited to background reading and discussion.

[REDACTED] 1 days
[REDACTED] days
[REDACTED] days
[REDACTED] 5 days

2. Selection Criteria (Task 22)

Discussion of Task 16 applies to the Selection Criteria task as well. In addition, work has continued on the preparation of a list of Agency receipts containing information on Communist China.

[REDACTED] 5 days

G. Monthly Documentation Summary1. Substantive Memoranda

CHIVE Newsletter, December 1965, CHIVE/C-1-66,
4 January 1966, 2 pp., Secret.

Monthly Report for December 1965, CHIVE/C-2-66,
4 January 1966, 17 pp., Secret.

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Current Awareness Support Team and Programming Staff Meeting, 3 January 1966, re CA Index Specifications, CHIVE/C-3-66, 3 January 1966, 1 p., (Attachment), Confidential.

CHIVE Dossier Requirements Study, CHIVE/C-4-66, 6 January 1966, 3 pp., (Attachments), Confidential.

Document Delivery Task Team Paper of 5 January 1966, CHIVE/C-5-66, 7 January 1966, 3 pp., Secret.

Some Issues Relating to the Open-Literature Exploitation and Processing Problem, CHIVE/C-6-66, 12 January 1966, 4 pp., Confidential.

Considerations Involved in Planning and Implementing the System with the Filmsort 2000 Camera Using the 18x Reduction, CHIVE/C-7-66, 12 January 1966, 5 pp., Confidential.

CHIVE Documents for Air Force Institute of Pathology Representatives, CHIVE/C-8-66, 13 January 1966, 1 p., Confidential.

Possible Topics for Panel Briefing on Project CHIVE, CHIVE/C-9-66, 14 January 1966, 1 p., (Attachment), Secret.

Project CHIVE--Phase I Documentation, CHIVE/C-10-66, 17 January 1966, 5 pp., Confidential.

Task Review Meeting, (System Design Group), CHIVE-C-11-66, 17 January 1966, 1 p., Admin. - Internal Use Only.

NASA Information Scientist Position Record, 17 January 1966, 1 p., Admin. - Internal Use Only.

Copies of Phase II Documentation, CHIVE/C-12-66, 18 January 1966, 1 p., Confidential.

Notes, Questions, and Comment on Header Indexing Forms, CHIVE/C-13-66, 17 January 1966, 5 pp., Confidential.

Status Report on CHIVE Biographic Design, CHIVE-C-14-66, 20 January 1966, 4 pp., Confidential.

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Tuesday's Meeting, CHIVE/C-15-66, 21 January 1966, 5 pp., Secret.

Illustrations of Lengthy Installation Names and Gaps in DIA Functional Classification, CHIVE/C-16-66, 25 January 1966, 2 pp., Confidential.

New Location of CTF Personnel, CHIVE/C-17-66, 26 January 1966, 1 p., Confidential.

Map Library Index Record Flow, CHIVE/C-18-66, 28 January 1966, 3 pp., (Attachments), Confidential.

Collateral Report Series, CHIVE/C-19-66, 28 January 1966, 8 pp., Confidential.

CHIVE Task Assignments, CHIVE/C-20-66, 28 January 1966, 9 pp., Secret.

2. Task Descriptions

None

3. Working Papers

Current Awareness Support Index Specifications, CHIVE/W-1-66, 5 January 1966, 4 pp., (Attachments), Confidential.

CHIVE Geographic Search, CHIVE/W-2-66, 6 January 1966, 71 pp., Unclassified.

Document Delivery System Recommendations on Organizational Structure and Time Phasing of Implementation, CHIVE/W-3-66, 25 January 1966, 9 pp., (Attachments), Secret.

4. Reports

None

H. Briefings, Meetings, Miscellany

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1. On 5 January, [REDACTED]

[REDACTED], briefed personnel from OCS who have an interest in the training of personnel in programming, ADP systems analysis, and related topics. Those in attendance were: [REDACTED]

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[REDACTED] introduced the speaker but was not able to attend the briefing.

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2. On 6 January, [REDACTED] briefed members of the Life Sciences Division, OSI and their guests from the Air Force Institute of Pathology (AFIP) on Project CHIVE. Interest in the Phase II report was expressed by the people from the AFIP since they are presently embarking on a similar development. Copies of Volumes I, III, and IV were subsequently forwarded to them through [REDACTED]

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3. On 12 January, [REDACTED] attended a COSATI Seminar. Professor John Tukey of Princeton University was the guest speaker.

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4. On 20 January, [REDACTED] attended a COSATI Seminar. Mr. John Swetz of Bolt, Beranek, and Newman was the guest speaker.

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5. The CHIVE Task Force was asked to supply a speaker at the DOD Computer Institute held at NPIC. Due to another commitment, [REDACTED] was unable to give the briefing; [REDACTED] spoke in his place on 27 January 1966.

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6. [REDACTED] attended the briefing of the Knox Panel on OCR on 13 January 1966.

7. A meeting of all task teams associated with the Systems Design Group was held over a two-day period (19 and 21 January) to discuss objectives, status, and problems associated with each task. Attendees included personnel recently assigned to the CTF as well as observers from other organizations.

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8. [REDACTED] met with [REDACTED] to discuss open literature exploitation problems and CHINTEL activities and future plans, 20 January 1966.

9. [REDACTED] briefed [REDACTED] of the Knox Panel, on CHIVE biographic processing concepts and customer requirements levied on the CHIVE system on 21 January 1966.

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10. [REDACTED] briefed [REDACTED] on substantive matters connected with the CODIB paper to USIB reviewing the recommendations of CODIB's Task Team IV (Installations), on 25 January 1966.

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II. PERSONNEL

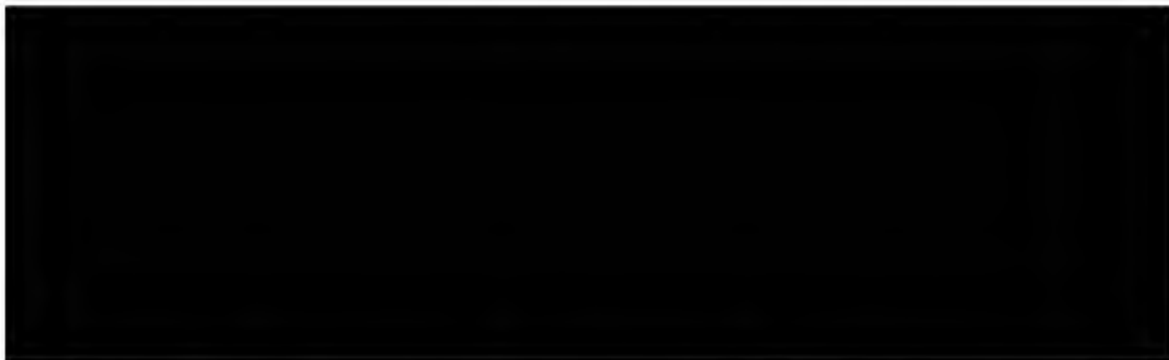
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A. Training and Recruitment

1. [REDACTED] attended a course in PL/1 taught by IBM from 24 - 28 January. [REDACTED] completed a one-week course in PL/1.

2. Regarding the 21 people from OCS who are to join the CHIVE Task Force, 14 are presently on board; two more have established EOD dates, and three others are in process. This leaves two to be identified.



4. The contractor contingent of the Task Force consists of [REDACTED] and one from [REDACTED] [REDACTED] have now been identified (see Section C) but only six are actually on the premises. The remaining eight are at [REDACTED] await- ing clearances.

B. Agency

1. [REDACTED] entered on duty on 3 January 1966 as the fourteenth member of the OCS contingent (see above).

2. The following personnel from OCR entered on duty with the CHIVE Task Force:



3. [REDACTED] left the CTF to accept a position as Staff Assistant in Document Division, OCR.

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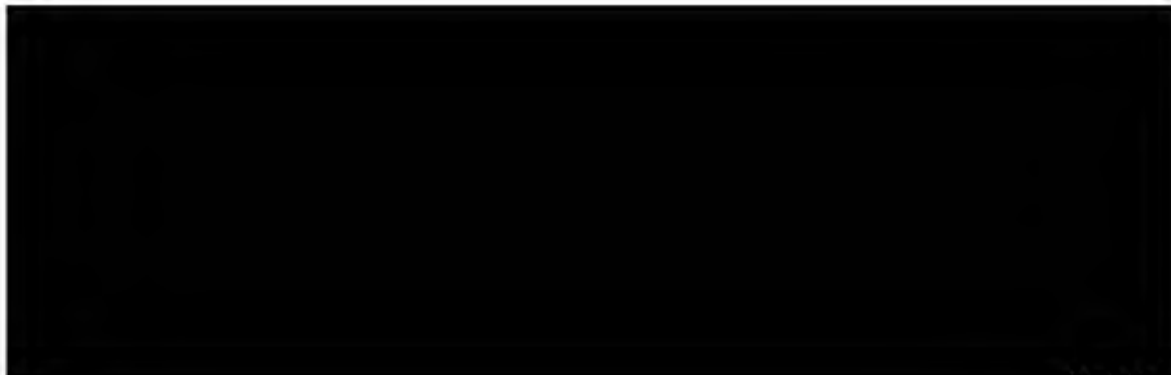
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4. Agency personnel assigned full time to CTF during the report period were as follows:

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OCR



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OCS



1. During the month, two additional programmers reported on board in [REDACTED] for assignment to CHIVE-- [REDACTED] (3 January) and [REDACTED] (10 January). This brings the [REDACTED] manning level up to thirteen technical personnel plus one additional programmer on temporary assignment from the [REDACTED] Center. Efforts are still underway to recruit a secretary/steno for the project.

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2. Personnel currently assigned to Project CHIVE:



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III. BUDGET AND FISCAL

A. [REDACTED]

1. The total number of man-hours expended on CHIVE during the month of January was approximately 1,773.

2. Expenditures to date on the current contract are approximately 55% of the total budget.

B. [REDACTED]

About 43% of the budgeted funds have been spent over 50% of the budgeted time of the project.

C. CHIVE Task Force

The total number of man-hours expended by all Task Force personnel (including part-time members) on numbered tasks is as follows:

- Integration and Plans Staff	- 41
- System Design Group	- 397 1/2
- Program Design Group	- 61
- Automatic Language Processing Group	- 39
- [REDACTED]	- 20

[REDACTED]
Assistant to the Director
CHIVE Task Force

JNW:kap

Distribution

Orig [REDACTED]
1 [REDACTED]
1 [REDACTED]
1 [REDACTED]
1 [REDACTED]
1 [REDACTED]
1 [REDACTED]
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1 [REDACTED]
1 - CHIVE Files

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